

***The University of Connecticut***

***Philip E. Austin, President***

***John D. Petersen, Chancellor for University Affairs***

***Peter J. Deckers, Executive Vice-President for Health Affairs***

***Established in 1881***

***Statutory Authority Chapter 185b, General Statutes***

***Route 195, Storrs, CT 06269***

***Number of full-time employees: 3,934 and 2,976 (Health Center)***

***Recurring Operating Expenditures: 2000-01 \$ 556,800,000 (as of  
August, 2001) + \$433,600,000 (Health Center)***

***Organizational Structure: Public State University***

**Mission**

Founded in 1881, the University of Connecticut serves as the flagship for higher education and the primary doctoral degree granting public institution in the state. The University serves as a center for research, dedicated to excellence in higher education and fulfillment of its land grant status. It is committed to meeting the educational needs of its undergraduate, graduate, professional and continuing education students and providing the faculty with the means to develop their intellectual capacity through teaching, research and interaction with society. Through the integration of teaching, research and service, the University provides an outstanding educational experience for each student.

The University will serve the state and its citizens in a manner that enhances the social and economic well-being of its communities. It will do so by providing leadership in the pursuit and dissemination of knowledge to all its constituents, recognizing that the continual transmission of knowledge and lifelong learning are essential to Connecticut's future in a global context. It will seek to enhance the quality of life and the economic well-being of Connecticut.

### **Statutory Responsibilities**

The General Statutes of the State of Connecticut and the Morrill Act of the US Congress have charged the University of Connecticut with the responsibility for the education of Connecticut youth in scientific and classical studies, agriculture and mechanic arts and liberal and practical education. General Statutes have given it authority for programs leading to a wide variety of doctoral degrees and post-baccalaureate professional degrees. The University's constitutional mandate, "excellence in higher education," is accomplished in its traditional triad of academic responsibilities: teaching, research and service.

### **Public Service**

Dr. Henry Lee, renowned forensic expert and chief emeritus of the state's crime lab, joined with University genetics scientists to create a new Center for Applied Genetics and Technology. The Center's goal is the exploration of ways to use human genetic information in the analysis of crime scene evidence.

University scientists were the first to determine that a parasite was the probable cause of a massive Long Island Sound lobster kill and continued to study lobster health with the assistance of federal grants.

School of Dental Medicine faculty pioneered the use of a fiber-reinforced composite to build bridge teeth over dental implants. This fiber composite has no metal so it is not toxic, does not corrode, can be repaired, and has improved cosmetic properties.

The College of Agriculture and Natural Resources' Center for Excellence in Vaccine Research secured significant funding from the U.S. Department of Agriculture for collaborative research with University of Missouri and the USDA Animal Disease Center on prevention of animal infectious diseases.

Individuals suffering from paralyzing phobias, such as a fear of flying, are the focus of research by Psychology and Computer Science and Engineering faculty in partnership with Argus VR International, a Connecticut firm specializing in virtual reality (VR) technology.

Low-income families and youth in Connecticut continued to receive nutrition education through the College of Agriculture and Natural Resources Expanded Food and Nutrition Education Program.

The Health Center redesigned its webpage for improved access to current studies and clinical trials organized by research categories. The updated webpage ([www.uconnhealth.org](http://www.uconnhealth.org)), rated by Connecticut Magazine as one of the top 50 Connecticut websites, gives users links to other medical research sites.

The Lyman Maynard Library at the Health Center linked Healthnet (Connecticut Consumer Health Information Network) to every public library in the state and will provide assistance in answering consumers' health questions.

An interactive software program, developed by a Nursing faculty member, teaches aging adults about the potential interactions of prescription drugs with over-the-counter agents and alcohol.

The School of Allied Health collaborated with Windham Community Memorial Hospital to provide outpatient physical therapy services.

The College of Agriculture and Natural Resources Integrated Pest Management Program was expanded from commercial farmers to the general public with the assistance of \$100,000 from the Bingham Trust. University scientists worked with the National Park Service to identify invasive plants and to improve plant life in nearly 40 eastern parks.

The University actively participated in improving elementary and secondary education in the state. The School of Engineering hosted the 18<sup>th</sup> annual Connecticut Invention Convention, a competitive event showcasing the design talents and ingenuity of 650 Connecticut school children in grades K-12. The Neag Center for Gifted Education and Talent Development sponsored the Mentor Connection, a summer opportunity for high school juniors and seniors to work with University faculty and researchers.

The 4-H Farm's Visiting Schools Project, under the guidance of the Cooperative Extension System, continued after school programs to promote interaction between farm staff and children of pre-school to second-grade levels.

The School of Family Studies continued service and outreach through its Humphrey Center for Marital and Family Therapy and the Child Laboratories, a top-rated infancy-to-kindergarten program that also serves as a teaching facility. The State Museum of Natural History launched a new program of educational outreach to schools, community centers and libraries.

University students participated in the Volunteer Income Tax Assistance Program: Law students helped over 200 low-income residents of Hartford, and Accounting students at the Storrs Campus assisted over 300 individuals with their tax returns. The Connecticut Urban Legal Initiative, housed at the School of Law, provided legal services to nonprofit groups engaged in reducing

urban blight. Students of Landscape Architecture worked with Connecticut's towns to support community public service projects involving land use.

The Department of Music and Van der Mehdén Recital Hall hosted the Amherst Early Music Festival, the largest and most comprehensive teaching music festival for historical performance in the world. The Department of Music also hosted the New Directions Cello Festival, the world's only festival dedicated exclusively to non-classical and alternative cello music.

In the College of Continuing Studies, nearly 50,000 participants enrolled in credit-free professional studies programs. The programs serve the general public as well as the University community.

#### **Improvements/Achievements 2000-01**

The University received national recognition for the quality of its programs and accomplishments. The following are examples of national rankings awarded in 2000-01:

- The University of Connecticut continued to be ranked the best public university in New England according to U.S. News and World Report. The national ranking was 38<sup>th</sup> among 292 public doctorate-granting institutions.
- The School of Law was named 20<sup>th</sup> best public law school in the country by U.S. News.
- The Law Library was reported to be one of the top ten law libraries in the country by the National Jurist, a national publication aimed at law students.
- Neag School of Education was ranked 47th among education schools nationwide by U.S. News.
- Engineering graduate programs were ranked 52<sup>nd</sup> among 260 public and private doctoral engineering programs.

- The School of Dental Medicine ranked first among the country's 55 dental schools in students' test scores on Part II of the National Board Dental Examinations, the key test to determine qualifications of dentists.
- The School of Business has been consistently ranked as the top public business school in New England and in the top seven percent of 1,000+ business schools in the nation.
- The School of Medicine's curriculum has been cited as a national model by the Association of American Medical Colleges, which called it "responsive and innovative."
- The Community Health programs were ranked 10th in the nation out of 32 programs by U.S. News.
- College of Liberal Arts and Sciences graduate programs ranked highly by U.S. News were: Audiology, ranked 25<sup>th</sup> out of 66 programs; Speech-Language Pathology, ranked 21<sup>st</sup> out of 119 programs; and Psychology, ranked 73<sup>rd</sup> out of 176 programs.
- The University was named the top ranked institution in published research on real estate and urban and housing economics.
- The Accelerated Schools Project in the Neag School of Education became only the 10<sup>th</sup> program endorsed by New American Schools, the nation's leading authority on research-based comprehensive school reform projects.
- The Dairy Bar at the Storrs campus, which serves over 100,000 customers each year, is consistently highly ranked for its ice cream.

In Fall 2000, 23,419 students were enrolled in degree credit programs in the 13 Schools and Colleges at the Storrs Campus, the regional campuses (Avery Point, Hartford, Stamford, Torrington, and Waterbury), the Schools of Law and Social Work in Hartford, and the Schools of Medicine, Dental Medicine, and graduate programs at the Health Center in Farmington. As of May 2000, the

master's and doctoral, nearly 200 law, 54 professional pharmacy, University conferred a total of 3,200 undergraduate, 1,200 38 dental and 78 medical degrees in 2000-01.

The American Council on Pharmaceutical Education granted full accreditation to the new professional Doctor of Pharmacy program. Fifty-four students were in the first graduating class. The School of Pharmacy also commemorated its 75<sup>th</sup> anniversary.

John Dempsey Hospital received accreditation from the Joint Commission on Accreditation of Health Care Organizations, the leading health care accrediting body in the world. The University's Police Department received accreditation from the Commission on Accreditation for Law Enforcement Agencies

New undergraduate majors included Biomedical Engineering in the School of Engineering and Engineering Physics, offered jointly by the Department of Physics and Engineering.

A proposed master's degree program in International Studies with a concentration in Italian Studies will be the first graduate-level program in the country to offer an Italian studies program through a history department. New certificate programs at the School of Law focus on intellectual property law and tax law and policy.

The Health Center will join about 30 colleges around the country in offering a combined BA/SBC and MD/DMD program for a selected group of high-achieving high school students interested in a career in medicine or dentistry.

The General Electric family - the GE Fund, GE Capital and GE Industrial Systems - collectively pledged to donate \$11 million over the next five years to help the University become a leader in e-business and e-engineering and to bolster the University's diversity initiatives. These funds will support programs in Engineering, Business Administration, and Education. United Technologies Corporation also provided \$4 million to support new engineering education initiatives in the School of Engineering.

A 10,000-square-foot e-lab, Edgelab, was established in the Connecticut Information Technology Institute at the Stamford Campus with \$7.5 million from GE Capital. Contributions of \$3.5 million, including gifts from the Treibick Family and Shenkman Family, supported e-business programs.

New collections for the Thomas J. Dodd Research Center included twenty years' worth of Sam Gejdenson's Congressional files and an extensive Archives of Blues and Vernacular Music donated by Samuel Charters, renowned music historian, and Ann Charters, professor of English. The William Benton Museum of Art received a gift of 175 photographs from internationally renowned Los Angeles-based photographer James Fee.

Examples of faculty research accomplishments include the following. Successful research in the cloning process continued with the normal birth of a 90-pound calf to a Holstein heifer cloned two years ago from an aged cow.

Family Studies faculty members were funded by the National Institutes of Health for two multi-year studies on parental and ecological influences on infant development.

Schools of Nursing at Yale and at the University of Connecticut formed a partnership for a \$2.8 million grant to study clinician-patient and health care relationships.

The School of Pharmacy received a National Institutes of Health training grant for medications development for drug abuse. The multi-year, multidisciplinary research involves faculty on the Storrs and Health Center campuses.

The Connecticut Institute of Fuel Cell Research and Innovation was established with Connecticut Innovations Inc., a leading venture capital organization.

A multidisciplinary team of faculty from Engineering, Geology, Physics and Chemistry was awarded a major research instrumentation grant from National Science Foundation to purchase a state-of-the-art automated digital transmission

electron microscope. The grant was among the 20 largest awards nationwide for research instrumentation.

Many faculty were recognized for their scholarship, research, teaching, and service. Examples include: Gary English, department head of Dramatic Arts and artistic director of Connecticut Repertory Theatre, elected president of the board of directors of the University/Resident Theatre Association; Richard Schwab, dean of the Neag School of Education, selected to serve on the National Commission on Teaching and America's Future; and Lew Perkins, Director of Athletics, named Athletic Director of the Year by Street & Smith's Sports Business Journal. Marilyn Nelson, professor of English, was named the state's new Poet Laureate, was awarded a major prize in children's literature, and received a Guggenheim Fellowship.

Fulbright fellowships were awarded to: Thomas Baker, Connecticut Mutual Professor of Law and director of the Insurance Law Center, to lecture and conduct research in Israel on the role of religion and culture in insurance law and institutions; Robin Chazdon, professor of Ecology and Evolutionary Biology, to examine tree and sapling growth in rainforests in Australia; Laura Crow, professor of Dramatic Arts, to study theatrical costuming in the Philippines and to develop an international website of costume design; George McManus, associate professor of Marine Sciences, to conduct research on oceanographic issues in the Irish Sea; Kathryn Myers, associate professor of Art and Art History, to teach figurative painting at a College of Arts & Crafts in India; Angel Oquendo, professor of Law, to study Brazil's support of its national culture under the Brazilian Constitution; and Howard Reiter, professor of Political Science, to teach American Studies in Sweden as part of the Fulbright Distinguished Chairs Program.

Five faculty members were named Distinguished Professors: Carl David Benson, professor of English; Robert K. Colwell,

professor of Ecology and Evolutionary Biology; Ruth Millikan, professor of Philosophy; Steven L. Suib, professor of Chemistry; and Jack Veiga, professor and department head of Management.

Students also received state and national recognition. John McDermott, who earned a Ph.D. in Finance, and Douglas Bolster, who earned a Ph.D. in Kinesiology, received national awards for dissertations that made significant contributions to their disciplines.

Twenty University students were among the 40 recipients of the first Connecticut Innovations Technology Scholar awards announced by Gov. John G. Rowland. The program encourages top students to work for science and technology companies in the state after graduation.

Among new scholarships created at the School of Law to commemorate notable alumni was the Bessye W. Bennett Scholarship, established in honor of the first African American woman admitted to the Connecticut Bar.

The Men's Soccer team won the National Championship. Six award-winning athletes with ties to the University, along with the women's basketball coach, competed in the Sydney2000 Olympic Games in Australia.

In just five years, under the first phase of UCONN 2000 and other authorizations, the University completed ten major new projects and 120 renovations in Storrs and at the regional campuses and initiated construction on eleven major additional projects due to be completed in the next year.

New facilities included: Music Building; Agricultural Biotechnology Facility; visitor's center; apartment-style housing complex near the campus; addition to the Hillside Complex; a new Central Warehouse that also houses several administrative offices; Marine Sciences Building on the Avery Point Campus; and the Litchfield County Extension Center on the Torrington Campus.

A new 100,000-square-foot School of Business Administration Building will open in Fall 2001.

Construction is underway on: a 101-room hotel on South Campus, constructed and managed by private partners under a lease agreement with the University and scheduled to open in Fall 2001; a new agricultural arena to be used primarily for polo, riding lessons, and equestrian team events; a 12,000-square-foot expansion to the Centennial Alumni House to double its size and to add a new sports museum and an alumni library; a new Engineering Information Technology building; a new Pharmacy Building; a 1,500-space parking garage; a new Co-Op/bookstore; and a 40,000 seat stadium at Rentschler Field in East Hartford to serve as the home field for University football. Major construction is planned for the Waterbury Campus as it moves to a new downtown location.

Substantial renovations also occurred: a completely renovated Northwest Campus; safety improvements to the North Campus residence halls; renovations to the Waring Chemistry Building to accommodate administrative offices in Liberal Arts and Sciences; newly renovated quarters on the second floor of the Whetton Graduate Center; renovated facilities on the Depot Campus to provide additional space for the Puppetry Program; renovations at the School of Social Work for expanded research, community, and office space; and upgraded classrooms to incorporate high technology equipment. The Wilbur Cross Building was renovated and transformed into a one-stop shopping area for student services from registration to financial aid and residential life.

With the first stage of renovations completed, the Connecticut State Museum of Natural History opened a portion of the first floor of its new location in the former apple barn near Gampel Pavilion. The second phase of renovations, following fundraising, will include a three-story addition and major

exhibit areas. While under renovation, the Museum continued to serve more than 70,000 people on and off campus annually.

### **Reducing Waste**

The first phase of implementing PeopleSoft's software for the University's student information systems began in May with graduate student registration for Fall 2001 courses. The new system is expected to benefit both students and faculty by making data more accessible, offering greater flexibility in its use, and eliminating duplication of effort in data entry and processing.

The graduate admissions operation changed business practices to manage the acceptance process in a more cost-effective manner, save staff time, and better serve graduate school applicants.

The Registrar's Office, one of the largest consumers and generators of paper on campus, has taken several initiatives to decrease paper usage: reducing the size and quantity of various publications of the office; reducing the number of copies and computer printouts of reports; and switching from paper to e-mail for many of the office's communications. Electronic class lists are one example of information now available to faculty.

Similar reductions in paper consumption of paper and improvements in communication speed have occurred in other offices. Homer Babbidge Library offers an electronic inter-library loan service that brings documents to the user's desktop. Several targeted e-mail list serves were created to disseminate significant, official information to the University community. Expansion of a web-based interface enabled students, faculty and staff to read their UConn e-mail through any web browser or any PC connected to the Internet.

Financial challenges at the Health Center continued to be addressed effectively through major organizational changes and

focusing of resources while maintaining the quality and integrity of the educational, research and clinical programs.

Environmental improvement activities at the University campuses included removal of contaminated soil from a science laboratory floor excavation and the Central Stores site preparation and measures to address suspected contamination from an abandoned landfill area.

A revolutionary new method for vanquishing the toxic solvent tetrachlorethylene (PCE) was developed by Thomas Wood, a professor of Engineering. This discovery solves a long-standing environmental dilemma of how to break down dangerous organic compounds aerobically.

### **Strategic Planning and Initiatives**

The Strategic Plan for the Storrs and Regional Campuses of the University, adopted by the Board of Trustees in 1995, has provided the framework for planning and implementing many strategic initiatives. A variety of initiatives have been derived from eight general strategic goals: (1) provide a challenging and supportive learning environment that fosters achievement and promotes excellence in research, scholarship and artistic creativity; (2) recruit and retain outstanding students, faculty and staff; (3) create a physical environment that reflects the University's expectation of excellence and encourages interaction among a diverse population; (4) enhance a sense of community; (5) allocate and develop resources on the basis of mission, value and performance; (6) streamline administrative functions; (7) promote the University's role in fulfilling the needs of the state, its citizens, and its economic institutions; and (8) foster a sense of partnership with the state.

Program assessment, a tool designed to help academic departments and programs assess what they, and their peers, are

accomplishing, and to maintain focus on goals and mission, is one of the continuing processes that originated with the University's Strategic Plan. Several academic departments were involved in some phase of the three-semester process - self-study, hosted site visit, and collaborative development of a future plan with the dean and chancellor's office. The process, to be applied to every department in the next few years, provides information for decisions on the allocation and development of resources based on a department's mission, value, and performance.

The Health Center's 2000 Strategic Plan focused on strategic initiatives to develop signature programs that integrate research and clinical care. The signature programs are in Genetics/Immunology and Cancer, Brain and Human Behavior, Bone Biology and Musculoskeletal Disease, and Connecticut Health. These programs concentrate resources, expertise and reputations previously established.

The Health Center's strategic objectives included more grants and awards to help improve its financial picture. In fiscal year 2000, the Health Center received 506 awards - totaling \$57,100,464 - for research projects. The amount is \$9.6 million and 106 awards more than received in fiscal year 1998.

The College of Agriculture and Natural Resources completed an academic plan for 2000-2005 based on "Learning for a Sustainable Future." Planned areas of development are: biotechnology, aquaculture, food science, sustainability of agriculture and the environment, and workforce development.

The School of Engineering continued its focus on five areas of strategic importance established during the previous year: development, outreach, undergraduate enrollment, faculty recognition and facilities.

The School of Fine Arts developed a plan for the future of the arts at the University and in society. A Visionary Committee was initiated to explore ways of evaluating the arts at the

University and widening the perspective of faculty and staff in arts education.

An ambitious initiative for the Marine Sciences programs was announced. The goal, during the next 10 years, is to become one of the nation's top three coastal marine sciences programs. As the first major step toward that end, the Department of Marine Sciences and the Marine Sciences and Technology Center were merged into a single academic and research unit. The unit's initiative will be directed toward research projects at the intersection of the deep ocean and the watershed, the unique location of the Avery Point campus on the shoreline and on Long Island Sound. The unit was named a Sun Center for Excellence and received a super computer from Sun Microsystems.

Two years ago the University established an enrollment target of 25,000 by 2005. In order to accommodate a student body of that size, the University continued to plan curricular offerings and additional campus housing, as well as to explore the quality and availability of off-campus housing.

The University sold its second issue of Revenue Bonds to finance three projects: Hilltop Student Rental apartments, Hilltop Dormitory and the South Parking Garage. The sixth UConn 2000 series A Bonds were issued in the amount of \$100,000,000. Major projects funded from this issue include Avery Point Marine Sciences, the Technology Quadrant, Northwest Quadrant, School of Business, School of Pharmacy, North Campus, Wilbur Cross and renovations of Waring Chemistry Building as well as other renovations.

The University Foundation fundraising efforts produced \$19 million for University use in scholarships and fellowships (\$6 million), endowed chairs and other faculty positions (\$3 million), and for facilities, construction, renovation and equipment (including the new Lodewick Visitors Center) (\$4 million). The University's average annual fund-raising growth

rate of 22 percent for the past five years is double the national average.

### **Diversity Enhancement**

The University engages in a variety of activities and efforts to support a diverse and pluralistic environment for students and employees, including: Asian American Heritage Month, Black History Month, Latino History Month, Women's History Month, Women in the Arts Program, Multicultural Awareness Week, and lecture series sponsored by ethnic studies institutes. The University makes significant investments in cultural centers and institutes to ensure that UConn is both a more interesting and a more welcoming place. Services and programs are offered by: the Institute for African American Studies, the H. Fred Simons African American Cultural Center, the Asian American Studies Institute, the Asian American Cultural Center, the Institute for Puerto Rican and Latino Studies, the Puerto Rican/Latin American Cultural Center, the Women's Studies Program, the Women's Center, the Center for Students with Disabilities, and the Rainbow Center. The University has maintained a high ranking among large State agencies in annual expenditures and total expenditures to women and minority-owned Connecticut small businesses. WE Magazine rated the University one of the top ten disability friendly colleges in 1999.

Fall 2000 minority undergraduate student enrollment at all campuses was 16 percent; graduate and professional minority enrollment was 12 percent. The University's entering freshman class at all campuses increased 11% in minority students from Fall 1999. One hundred and five countries were represented among the international students, who comprised 16 percent of the graduate and professional students. The July 2000 work force for Storrs and the Regional Campuses included 14.4% minority faculty

and staff. At the Health Center, the Fall 2000 work force included 14.3% minority faculty and staff.

Julio Morales, professor in the School of Social Work, was named Connecticut's Latino Citizen of the Year for 2000, and was appointed First Vice President of the National Association of Social Workers.

A 26-member committee, co-chaired by the Vice Provost of Multicultural Affairs and the Dean of Liberal Arts and Sciences, studied campus climate and developed a strategic plan for achieving greater diversity among faculty, staff, and students at the University. Training sessions on cultural diversity and sexual harassment education also were provided the University community.

The University planned a Human Rights Semester for Fall 2001 and scheduled more than three dozen events. A human rights minor was established in the undergraduate curriculum.

The University's global role in diversity was recognized with the award of two grants to support joint projects with South Africa. Partnerships with the African National Congress and the University of Fort Hare, South Africa's premier university for black students, promoted international understanding and cooperation.